

Amendments to the Specification:

Please replace paragraph [0009] with the following amended paragraph:

“[0009] Even with the slow-start process, however, congestion occurs within packet switched networks. Some of the present applicants have proposed certain congestion control methods in a number of co-pending patent applications. For example, in co-pending Application No. 09/846,452, entitled “METHOD FOR ACCELERATING TCP FLOWS IN COMMUNICATION NETWORKS WITH DYNAMIC CONTROL”, filed 04/30/2001, and assigned to the assignee of the present application, a scheme for controlling congestion wherein predictions of congestion conditions for a traffic stream in a communication network are applied to modify an initial congestion window size for the traffic stream; and dynamic bandwidth control is thereafter applied to the traffic stream was proposed. In one embodiment (which itself was based on a congestion control technique described in co-pending Application No. 09/539,434, entitled “METHOD FOR REDUCING PACKET LOSS AND INCREASING INTERNET FLOW BY FEEDBACK CONTROL,” filed March 30, 2000, now U.S. Patent 6,674,717, and assigned to the assignee of the present application) this dynamic bandwidth control included modulating inter-packet bandwidths of the traffic stream according to a capacity of a bottleneck in a communication path through which the traffic stream passes in the communication network. The predictions of congestion conditions may be based on monitoring packet losses within the communication network. The monitoring may be performed on at least one of a traffic stream-by traffic stream basis, a connection-by-connection basis, a link-by-link basis, or a destination-by-destination basis. Further, the monitoring may be performed for a period between 0 and 100 seconds.”